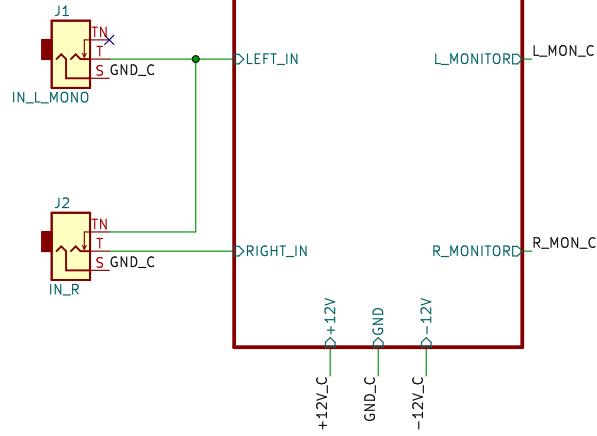
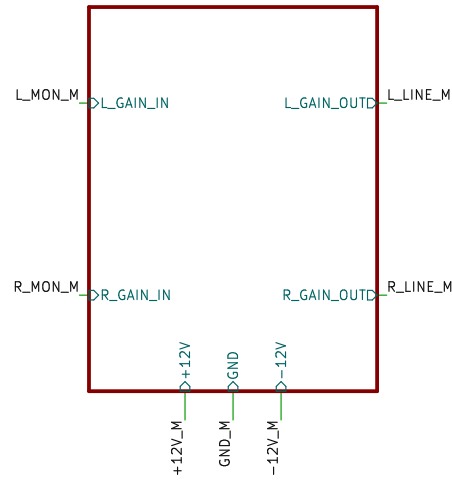


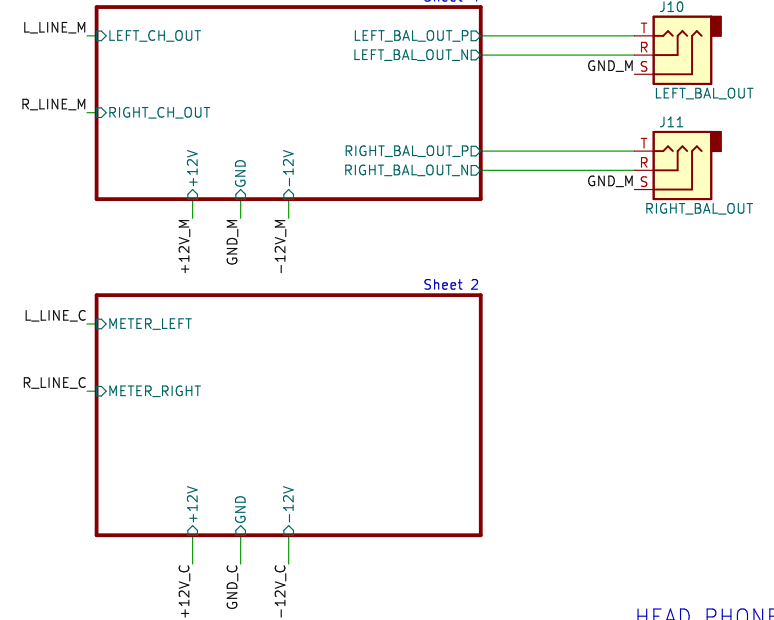
INPUT JACKS



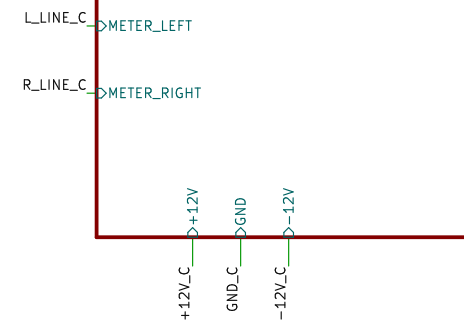
Sheet 5



Sheet 4

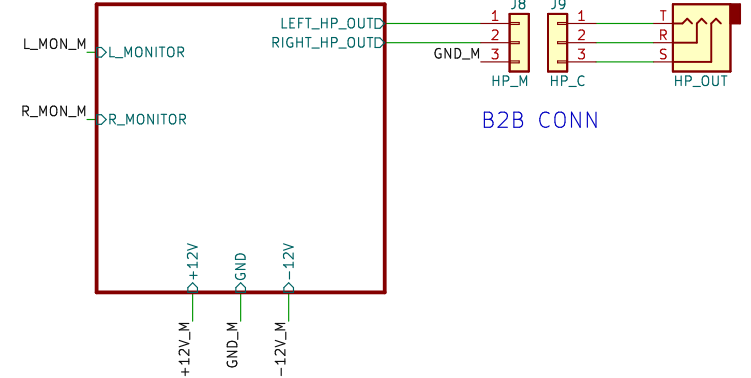


Sheet 2

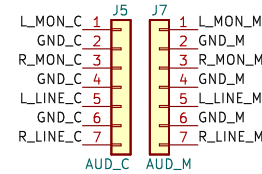


HEAD PHONE JACK

Sheet 3

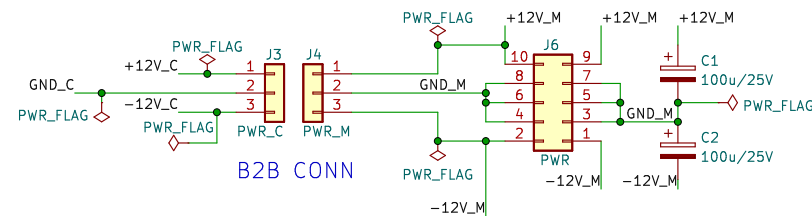


| MAIN PCB: | CONTROL PCB: |
|-----------------|-----------------|
| line out jacks | input jacks |
| gain-stage | head phone jack |
| bal-line-driver | buffer |
| hp-amp | vu-meter |
| power conn | HP_C |
| HP_M | PWR_C |
| PWR_M | AUD_C |
| AUD_M | |



B2B CONN

POWER CONNECTOR



B2B CONN

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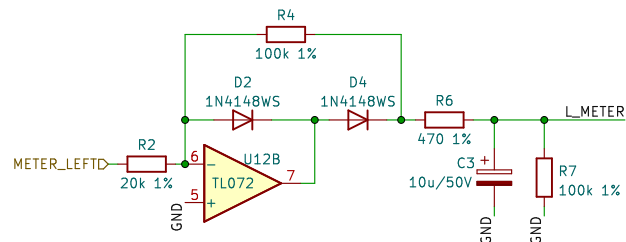
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File: output.kicad_sch

Title: Output

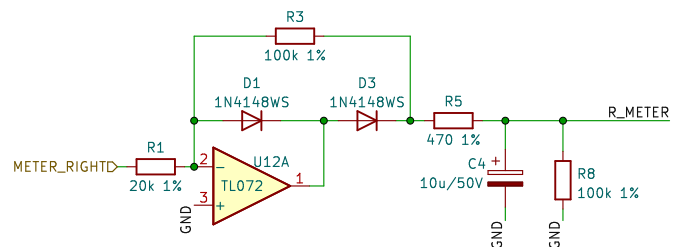
Size: A4 Date: 2023-04-07
KiCad E.D.A. kicad 7.0.1

Rev: 1
Id: 1/6

LEFT CHANNEL DETECTOR

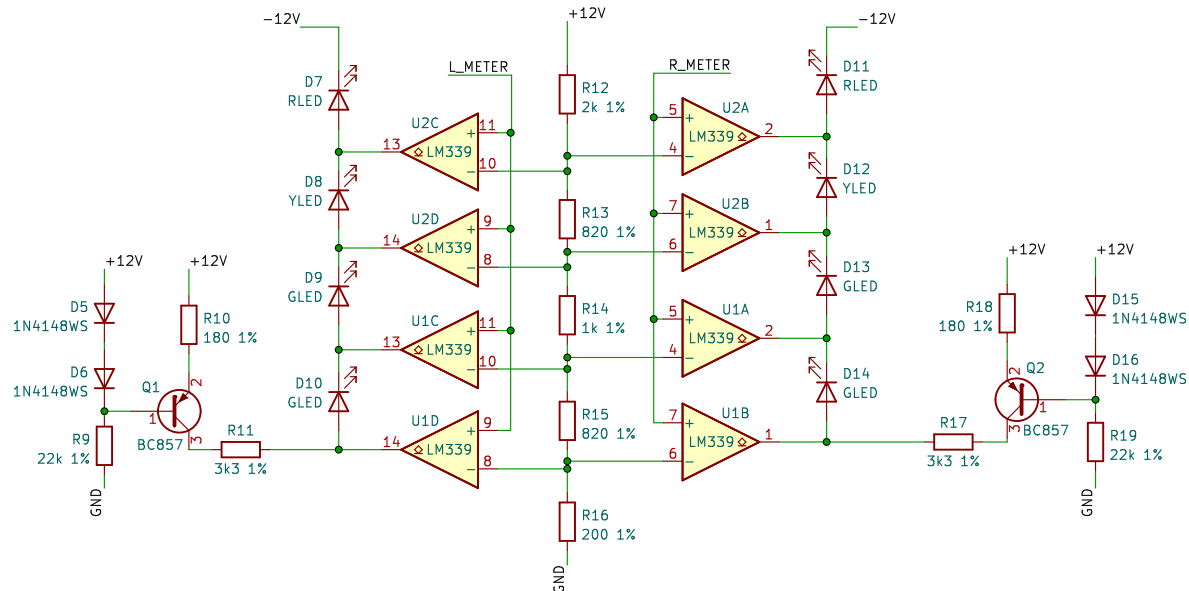


RIGHT CHANNEL DETECTOR



LEFT CHANNEL BAR-GRAPH

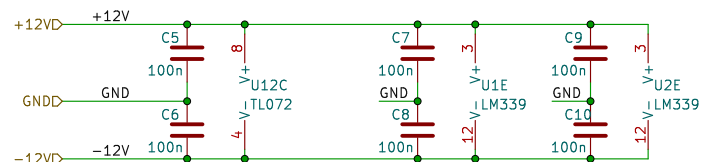
RIGHT CHANNEL BAR-GRAPH



VU-meter

| | |
|--------|--------|
| RED | +6 dB |
| YELLOW | +3 dB |
| GREEN | 0 dB |
| GREEN | -18 dB |

0 dB = 0 dBu
(1.095 Vpk)



Sheet:

File: untitled.kicad_sch

Title: Output - VU meter

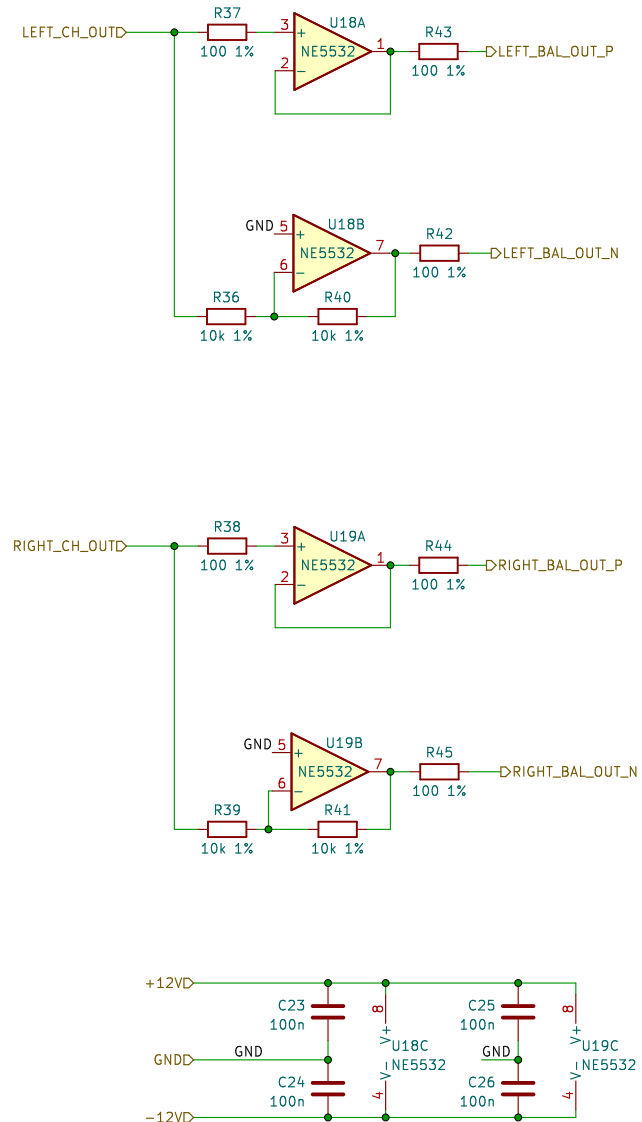
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KiCad E.D.A. kicad 7.0.1

Rev: 1

Id: 2/6

BALANCED LINE DRIVER



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Sheet:

File: bld.kicad_sch

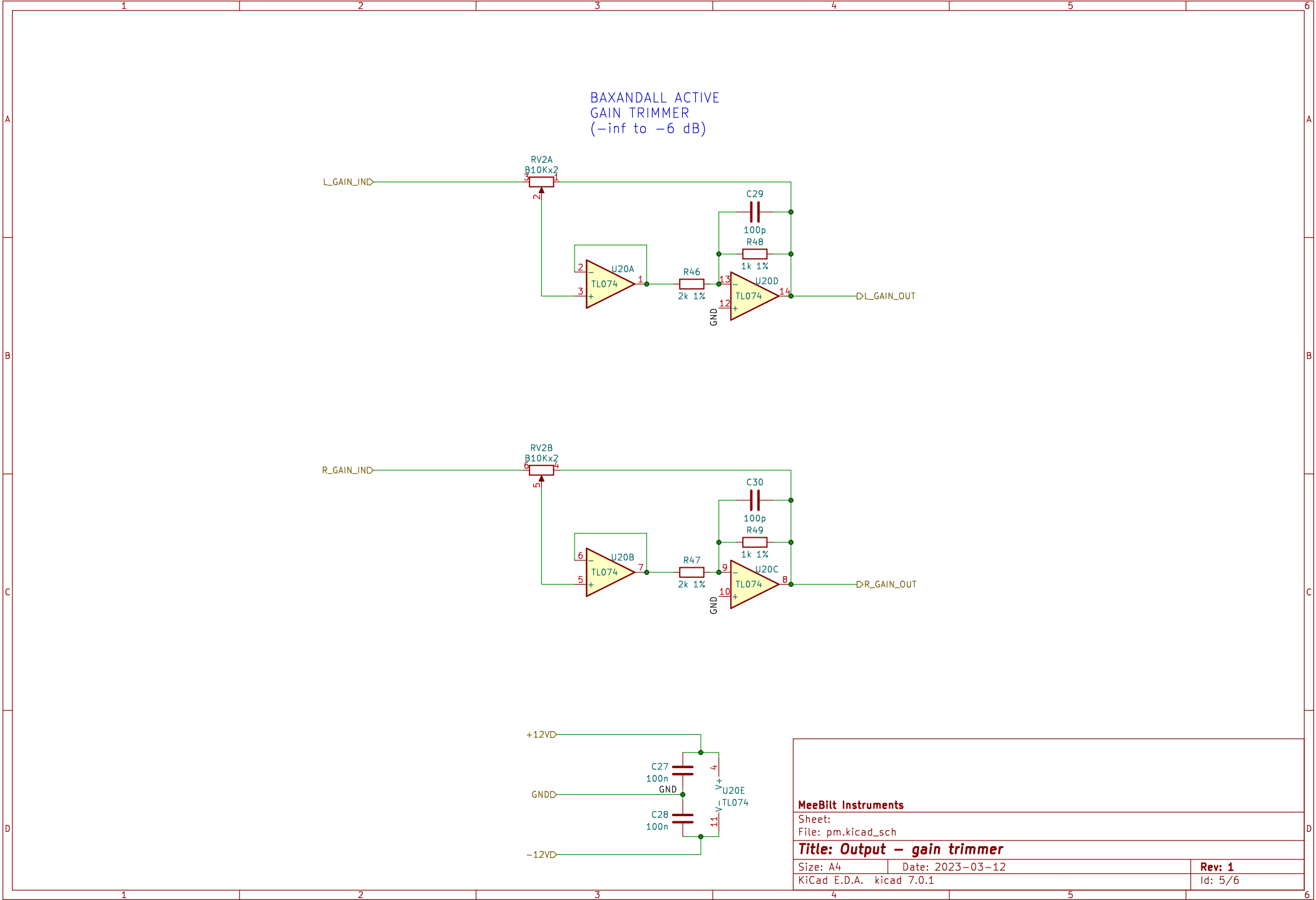
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Size: A4 Date: 2023-03-12

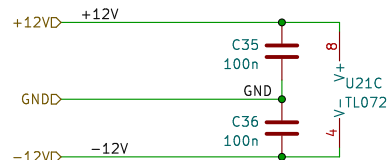
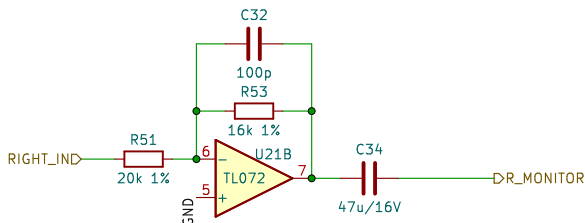
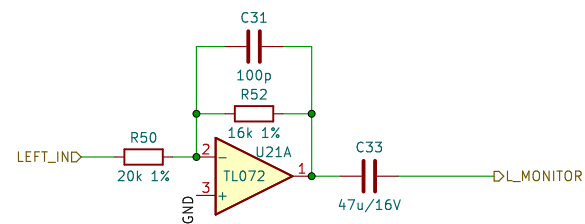
KiCad E.D.A. kicad 7.0.1

Rev: 1

Id: 4/6



PRE-GAIN STAGE
(-3 dB)



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Sheet:

File: pg.kicad_sch

Title: Output – buffer and pregain stage

Size: A4

Date: 2023-04-07

Rev: 1

KiCad E.D.A. kicad 7.0.1

Id: 6/6